leg, a transverse leg, a keyhole (**231**), two keys (**232**), a mounting hole (**233**), a rotating element (**234**) and two optional fastening holes (**235**). The keyhole (**231**) is formed in the longitudinal leg and has an inner edge. The keys (**232**) are formed diametrically opposite to each other on the inner edge of the keyhole (**231**). The mounting hole (**233**) is formed in the transverse leg. The rotating element (**234**) is mounted in the mounting hole (**233**) and is mounted rotatablely in the base (**60**). The fastening holes (**235**) are formed in the longitudinal leg so the fastening elements (**41**) can pass through the fastening holes (**235**, **244**) and attach the offset hinge bracket (**23**) to the pivot pin bracket (**24**).

[**0035**] The rotating positioning element (**25**) is mounted rotatably around the combination shaft (**213**), abuts the transverse leg of the pivot pin bracket (**24**) and has an outer edge, an outside surface, an inside surface, a central circular hole (**251**), two optional mounting tabs (**252**) and two protrusions (**253**). The outside surface abuts the transverse leg of the pivot pin bracket (**24**). The mounting tabs (**252**) are formed on the outer edge of the rotating positioning element (**25**) of the offset hinge (**20**) and correspond to and are mounted respectively in the notches (**242**). The protrusions (**253**) are symmetrical, are formed concentrically and diametrically opposite to each other on the inside surface around the central circular hole (**251**) and have inclined ends.

[**0036**] The stationary positioning element (**26**) is mounted on the combination shaft (**213**), abuts the inside surface of the rotating positioning element (**25**) and has an inside surface, an outside surface, a central keyhole (**261**) and two detents (**262**). The detents (**262**) are formed on the inside surface of the stationary positioning element (**26**) and correspond to the protrusions (**253**) on the rotating positioning element (**25**).

[**0037**] The biasing assembly (**27**) is mounted rotatably around the combination shaft (**213**), abuts the outside surface of the stationary positioning element (**26**) and has a central hole (**271**).

[**0038**] The washer (**28**) is mounted around the combination shaft (**213**), abuts the biasing assembly (**27**) and has a central hole (**281**).

[**0039**] The fastener (**29**) is attached to the combination shaft (**213**), sequentially holds the washer (**28**), the biasing assembly (**27**), the stationary positioning element (**26**), the rotating positioning element (**25**), the pivot pin bracket (**24**) and the limit disk (**22**) on the combination shaft (**213**).

[**0040**] The turning hinge (**30**) is mounted in the tilt hinge bracket (**13**) and the offset hinge bracket (**23**), is used to turn the cover (**50**) from side to side and comprises a rotating positioning element (**34**), a stationary positioning element (**33**), a biasing member (**32**) and a keyed pivot pin (**31**).

[**0041**] The rotating positioning element (**34**) is attached to the outside surface of the tilt hinge bracket (**13**) and the longitudinal leg of the offset hinge bracket (**23**) and has an outer edge, a central hole (**341**), a first protruding limit (**342**) and a second protruding limit (**343**). The first and second protruding limits (**342**, **343**) are formed on the outer edge of the rotating positioning element (**34**) of the turning hinge (**30**) and pass respectively through the keyholes (**132**) in the tilt hinge bracket (**13**).

[**0042**] The stationary positioning element (**33**) is attached to the inside surface of the tilt hinge bracket (**13**) and has an outer edge, an outside surface, an inside surface, a central keyed hole (**331**), a positive stop (**332**) and a retainer (**333**). The inside surface of the stationary element (**33**) of the turning hinge (**30**) abuts the inside surface of the tilt hinge bracket (**13**) of the tilt hinge (**10**). The positive stop (**332**) is formed on the outer edge of the stationary positioning element (**33**) and selectively abuts the first and second protruding limits (**342**, **343**) on the rotating positioning element (**34**) of the turning hinge (**30**). The retainer (**333**) is formed on the inside surface at the outer edge of the stationary positioning element (**33**) of the turning hinge (**30**) and selectively engages in the first and second detents (**132**, **133**).

[**0043**] The biasing member (**32**) presses against the outside surface of the stationary positioning element (**33**) and has a central hole (**321**).

[**0044**] The keyed pivot pin (**31**) passes sequentially through the biasing member (**32**), the stationary positioning element (**33**), the through hole (**131**) in the tilt hinge bracket (**13**), the rotating positioning element (**34**) and the keyhole (**231**) in the offset hinge bracket (**23**) and has a distal end, a proximal end, a flange (**312**) and two notches (**311**). The flange (**312**) is formed around the distal end of the keyed pivot pin (**31**) and holds the biasing member (**32**) securely against the stationary positioning element (**33**). The notches (**311**) are formed diametrically opposite to each other in the proximal end of the keyed pivot pin (**31**) and are attached to the keys (**232**) in the keyhole (**231**) in the offset hinge bracket (**23**).

[**0045**] With further reference to **FIG. 7**, the cover (**50**) is opened by pivoting the tilt hinge (**10**). Because the limit disk (**12**) of the tilt hinge (**10**) and the stationary positioning element (**16**) of the tilt hinge (**10**) are keyed on the keyed pivot pin (**11**) of the tilt hinge (**10**), the keyed pivot pin (**11**) will rotate the limit disk (**12**) and the stationary positioning element (**16**). When the cover (**50**) is pivoted to a predetermined visual angle, the first and second protrusions (**153**, **154**) on the rotating positioning element (**15**) of the tilt hinge (**10**) are held respectively in the third and forth detents (**164**, **165**) of the stationary positioning element (**16**). The engagement of the protrusions (**153**, **154**) of the rotating positioning element (**15**) and the detents (**164**, **165**) of the stationary positioning element (**16**) keeps the cover (**50**) opened to the predetermined visual angle.

[**0046**] When the cover (**50**) is closed by rotating the keyed pivot pin (**11**) of tilt hinge (**10**), the first and second protrusions (**153**, **154**) on the rotating positioning element (**15**) engage and are held respectively in the first and second detents (**162**, **163**) in the stationary positioning element (**16**). The engagement of the protrusions (**153**, **154**) on the rotating positioning element (**15**) and the detents (**162**, **163**) in the stationary positioning element (**16**) keeps the cover (**50**) from hitting the base (**60**).

[**0047**] With further reference to **FIG. 8**, the cover (**50**) is pivoted beyond the angle where the positive stop (**122**) on the limit disk (**12**) of the tilt hinge (**10**) engages the positive stop (**141**) on the pivot pin bracket (**14**). This forces the protrusions (**253**) on the rotating positioning element (**25**) of the offset hinge (**20**) to disengage from the detents (**262**) on the stationary positioning element (**26**). The cover (**50**) and